

Arsenius Ceasar *Full Stack (Blockchain) Engineer*

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📄 Github

🌐 Website

Skills

Blockchain Platforms

Ethereum, Hyperledger, Binance Smart Chain, Polkadot

Smart Contracts

Solidity, Rust, Vyper, Truffle, Hardhat

Cryptography

SHA-256, RSA, ECDSA, Zero-Knowledge Proofs

Development Tools

Remix, Metamask, Web3.js, IPFS, Infura, Ganache

Programming Languages

Solidity, JavaScript, Python, Go, Rust, Javascript

Database Management

MongoDB, PostgreSQL, IPFS (InterPlanetary File System)

DevOps

Docker, Kubernetes, Jenkins, AWS, GCP

Version Control & Agile Methodologies

Git, GitHub, GitLab, Scrum, Kanban

FE Development

React, Vue.js, Next.js, Web3.js

BE Development

Node.js, Python, Go, Express.js, MongoDB, PostgreSQL

Professional Experience

2020/04 – 2024/05

Blockchain Engineer (Full Stack Developer)

Pixelette Technologies [🔗](#)

- Led the design and implementation of smart contracts for decentralized finance (DeFi) applications on Ethereum, optimizing gas efficiency and security.
- Developed and audited Solidity-based smart contracts to ensure compliance with industry standards and reduce vulnerabilities in financial transactions.
- Collaborated with front-end developers to integrate blockchain solutions with Web3.js, enabling seamless interaction between DApps and blockchain networks.
- Designed and developed an advanced **AI-powered trading bot** using Python and Solana, optimized for enhancing trading strategies on the Solana blockchain.
- Implemented **machine learning models** to predict market swings, enabling **real-time decision-making** for automated buy/sell executions, LP and token sniping, and **MEV bot** strategies.

2017/02 – 2019/12

Full Stack Blockchain Developer

Spherium.Finance [🔗](#)

- **Developed and deployed** a decentralized finance (DeFi) application that allows users to lend, borrow, and earn interest on their cryptocurrency assets using **Ethereum** and **Solidity**.
- **Designed and implemented** smart contracts for ERC-20 tokens and liquidity pools, ensuring security and gas optimization through rigorous testing and audits.
- **Built a responsive front-end** interface using **React.js** and **Redux**, integrating with Web3.js to enable seamless interaction with smart contracts and blockchain data.
- **Managed database solutions** using **MongoDB** to store user data, transaction histories, and application state, ensuring data integrity and availability.

2014 – 2017/01

Full Stack Developer

Zoog Technology [☑](#)

1.Main Product : Thingsboard (Open-source IoT platform) [☑](#)

Angular + Python+Node + Spring Boot

Played a key role in the development of Thingsboard, an innovative open-source IoT platform, focusing on data visualization and device management.

2.Main Product : Email Alias (Email Privacy and Management Tool) [☑](#)

React + Express + PostgreSQL + AWS (Mandatory - Postfix).

LockrMail is an email privacy and management tool designed to help users protect their primary email address from spam, unwanted subscriptions, and other digital nuisances. As the lead for this project, I oversaw the development and implementation of the tool, ensuring it effectively acts as a middle layer between a user's real email and the outside world by providing unique, disposable email addresses that forward messages to the user's primary inbox.

Education

2014/06 – 2015/05

Graduate School in Adamson University [☑](#)

2010/06 – 2014/05

Bachelor's Degree of Computer Science in Adamson University [☑](#)

Projects

Payment gateway

This product is created with react 17 using function components.

This product is providing apple pay, google pay, ali pay payment method with wallet. Redux-thunk, ant library is use for custom component with a single button and forms tag any client can be redirect to payment module according to configuration payment theme is changed

TPO(patient finance portal)

Using the hipaa compliance providing the finance portal for the patient.

Product is created with latest react version for the theme part using material ui redux-thunk is used for state management using mongoDB database with express js as Backend JWT use tokenized api call for authorized api call

AI-Powered Solana Trading Telegram bot

(<https://web.telegram.org/k/#@WisePandaKobaBot> [☑](#))

AI Bot for Solana Trading (Python + Solana + AI)

As the lead developer for an AI-powered Solana Trading Telegram bot, I designed and developed an advanced bot that leverages AI to enhance trading strategies. I implemented machine learning models to predict market swings, enabling real-time decision-making, and created features like automated buy/sell executions, LP and token sniping, and MEV bot strategies. I engineered dynamic algorithms to optimize trading performance by adapting to market conditions and integrated natural language processing (NLP) for intuitive user interactions and data analysis, offering proactive trading insights.

Summary

Blockchain Full Stack Developer with over 10 years of development experience and 8 years of specialized expertise in the blockchain industry. Skilled in designing and developing decentralized applications (DApps), smart contracts, and blockchain protocols across various platforms, including Ethereum, Hyperledger, and Binance Smart Chain. Proficient in both front-end and back-end technologies, including Solidity, Rust, JavaScript, Python, and Web3.js, with deep knowledge of cryptographic principles, consensus algorithms, and decentralized storage solutions. A proven track record of delivering secure, scalable blockchain solutions, driving innovation in DeFi, NFTs, and enterprise blockchain applications. Passionate about leveraging blockchain technology to solve complex problems and create impactful, decentralized systems.